

# XP-002083725

1/1 - (C) WPI / DERWENT  
AN - 94-196986 624! -  
AP - JP920284194 921022  
PR - JP920284194 921022  
TI - Disinfectant for mouth, skin and wounds - contains calcium phosphate cpd and opt. antimicrobial drug  
IW - DISINFECT MOUTH SKIN WOUND CONTAIN CALCIUM PHOSPHATE COMPOUND OPTION ANTIMICROBIAL DRUG  
PA - (ASAO ) ASahi OPTICAL CO LTD  
PN - JP6135840 A 940517 DW9424 A61K33/42 004pp  
ORD - 1994-05-17  
IC - A61K7/16 ; A61K7/50 ; A61K33/42  
FS - CPI  
DC - B06 D21 E34  
AB - J06135840 Disinfectant contains 0.01-5 wt.% Ca phosphate cpd. with Ca/P mol. ratio of 1.0-0.2. It may also contain an antimicrobial drug.  
- Calcium phosphate cpd. is pref. hydroxyapatite, tri:calcium phosphate, and/or tetra:calcium phosphate and is powder, granule or porous granule with average particle size of 0.01-200 microns and specific surface area of at least 0.1 m<sup>2</sup>/g.  
- USE/ADVANTAGE - The drug is used for sterilisation of the mouth and skin. It removes bacteria and virus and causes no side reactions. It is also used for cleaning and sterilisation of the lesions of tinea pedis and skin diseases.  
- In an example, porous hydroxyapatite (Ca/P ratio of 1.67. average particle size of 0.55 microns, specific surface area of 55 m<sup>2</sup>/g) granule of 5 mg was dissolved in 2.5 ml of 10 mM tris-HCl isotonic buffer soln. When the disinfectant soln. was added to 5 ml of influenza floating soln. (titre, 128 as tested by haemagglutination method), the supernatant showed zero titre. (Dwg. 0/0)